

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: To Be Assigned
Applicant: Akihiko IGUCHI, et al.
Filed: Herewith
Title: ANTENNA AND ELECTRONIC DEVICE USING THE SAME
TC/A.U.: To Be Assigned
Examiner: To Be Assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of the references listed on the 1449 form is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following Japanese references are not in the English language:

- 1) WO 2000/72404
- 2) WO 2002/13312
- 3) JP 2001-298313
- 4) JP 2001-177326
- 5) JP 11-127014
- 6) JP 2003-101335
- 7) JP 01-228303

MAT-8646US

PATENT

References 1) - 7) include an English language abstract. Reference 7) also includes a "concise explanation" under 37 CFR § 1.98(a)(3) as set forth in the specification at page 1, line 6.

References 1) - 6) were cited in a search report by a foreign Patent Office in a patent application corresponding to the above-identified patent application. A copy of this search report, which indicates the degree of relevance found by the foreign office, is transmitted herewith. Further, enclosed is an English translation of the search report.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,

Lawrence E. Ashery, Reg. No. 34,515
Attorney for Applicants

LEA/dmw

Enclosures: PTO Form 1449
(7) References

Dated: February 15, 2005

P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

The Commissioner for Patents is hereby
authorized to charge payment to Deposit
Account No. 18-0350 of any fees associated
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Kathleen Libby
Kathleen Libby

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known

| | |
|----------------------|------------------------|
| Application Number | To Be Assigned |
| Filing Date | Herewith |
| First Named Inventor | Akihiko IGUCHI, et al. |
| Art Unit | To Be Assigned |
| Examiner Name | To Be Assigned |
| Attorney Docket No. | MAT-8646US |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|----------------------------------|--|---|
| | | Number - Kind Code ² (if known) | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|---|----------------------------------|---|--|--------------------------|
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| | | WO 2000/72404 A1 (with English Abstract) | 11/30/2000 | MATSUSHITA ELECTRIC INDUSTRIAL CO LTD | | <input type="checkbox"/> |
| | | WO 2002/13312 A1 (with English Abstract) | 02/14/2002 | MATSUSHITA ELECTRIC INDUSTRIAL CO LTD | | <input type="checkbox"/> |
| | | JP 2001-298313 A (with English Abstract) | 10/26/2001 | MURATA MFG CO LTD | | <input type="checkbox"/> |
| | | JP 2001-177326 A (with English Abstract) | 06/29/2001 | MATSUSHITA ELECTRIC IND CO LTD | | <input type="checkbox"/> |
| | | JP 11-127014 A (with English Abstract) | 05/11/1999 | MITSUBISHI MATERIALS CORP | | <input type="checkbox"/> |
| | | JP 2003-101335 A (with English Abstract) | 04/04/2003 | MATSUSHITA ELECTRIC IND CO LTD | | <input type="checkbox"/> |
| | | JP 01-228303 A (with English Abstract) | 09/12/1989 | NIPPON TELEGR & TELEPH CORP <NTT> | | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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|----------------------|------------------------|
| Application Number | To Be Assigned |
| Filing Date | Herewith |
| First Named Inventor | Akihiko IGUCHI, et al. |
| Art Unit | To Be Assigned |
| Examiner Name | To Be Assigned |
| Attorney Docket No. | MAT-8646US |

SHEET 2 of 2

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
|-----------------------|--------------------------|--|--------------------------|
| | | International Search Report for PCT/JP2004/008269, dated August 3, 2004. | <input type="checkbox"/> |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language translation is attached.

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